



## Product Sheet

**Graphics Core**

500 MHz

**Memory Interface**

320 bit

**Fill Rate**

24 billion/sec

**RAMDACs**

Dual 400 MHz

**Chipset**

GeForce™ 8800 GTS

**Memory Bandwidth**

64 GB/sec

**Dual Link DVI - Supporting digital output up to 2560x1600**

DUAL

**Memory Clock**

1.6 GHz

**Clock rate**

500 MHz

**Shader Clock**

1188 MHz

**Chipset**

GeForce 8800 GTS

**Memory**

640 MB

**Bus Type**

PCI-E

**Memory Type**

DDR3

**Memory Bus**

320 bit

**Highlighted Features**

HDTV ready, RoHS, Dual DVI Out, TV Out, SLI ready, HDCP Ready

**NVIDIA® unified architecture with GigaThread™ technology**

Massively multi-threaded architecture supports thousands of independent, simultaneous threads, providing extreme processing efficiency in advanced, next generation shader programs.

**NVIDIA® Lumenex™ Engine**

Delivers stunning image quality and floating point accuracy at ultra-fast frame rates.

**Full Microsoft® DirectX® 10 Support**

World's first DirectX 10 GPU with full Shader Model 4.0 support delivers unparalleled levels of graphics realism and film-quality effects.

**Dual 400MHz RAMDACs**

Blazing-fast RAMDACs support dual QXGA displays with ultra-high, ergonomic refresh rates--up to 2048x1536@85Hz.

**Dual Link DVI**

Capable of supporting digital output for high resolution monitors (up to 2560x1600).

### **NVIDIA® SLI™ Technology**

Delivers up to 2x the performance of a single GPU configuration for unparalleled gaming experiences by allowing two graphics cards to run in parallel. The must-have feature for performance PCI Express graphics, SLI dramatically scales performance on over 60 top PC games.

### **PCI Express™ Support**

Designed to run perfectly with the next-generation PCI Express bus architecture. This new bus doubles the bandwidth of AGP 8X delivering over 4 GB/sec. in both upstream and downstream data transfers.

### **16x Anti-aliasing**

Lightning fast, high-quality anti-aliasing at up to 16x sample rates obliterates jagged edges.

### **NVIDIA® PureVideo™ Technology**

The combination of high-definition video processors and NVIDIA DVD decoder software delivers unprecedented picture clarity, smooth video, accurate color, and precise image scaling for all video content to turn your PC into a high-end home theater. (Feature requires supported video software.)

### **OpenGL™ 2.0 Optimizations and Support**

Ensures top-notch compatibility and performance for all OpenGL applications. NVIDIA® nView® Multi-display Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.

### **NVIDIA® nView® Multi-Display Technology**

Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.